

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Eric Brown

General Information

Name:	University of Kentucky
Address:	Room 215, Peterson Building, Lexington, Kentucky 40506
Date application received:	September 24, 1998
SIC/Source description:	8221 Universities
AFS(10-digit) Plant ID:	21-067-00003
Application log number:	50606
Permit number:	V-03-023

Application Type/Permit Activity

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

Compliance Summary

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

Emissions Summary

Pollutant	Actual (tpy)	Controlled Potential (tpy)
PM	44.7	57.48
SO ₂	1157.78	1420.7
NO _x	844.5	939
CO	196	239
VOC	17.3	18
PM10	33.5	43
LEAD	0.03	0.4

Source Process Description:

An operating permit application was received from The University of Kentucky on September 24, 1998 and was complete on November 18, 1998. The applicant proposes to operate thirty-seven (37) indirect heat exchangers. These heat exchangers consist of 2-125.00 mmBTU/hr natural gas-fired units, 2-94 mmBTU/hr coal-fired units, 2-75.00 mmBTU/hr coal-fired units, 2-144 mmBTU/hr natural gas fired unit, and 29-<10 mmBTU/hr units. The applicant wishes to also operate 2 paint spray booths. The spray booths have a 2.0 gallons/hr maximum operating rate.